

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 8/22/2019

Water Supplier

Supplier Name:
Laguna Beach County Water
District

Supplier Participants:
David Youngblood

Key Audit Metrics

Data Validity Score:	73	
ILI:	0.88	
Real Loss:	14.40	gal / conn / day
Apparent Loss:	2.68	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	1.7%	

Validator

Validator: Reinhard Sturm
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from
the AWWA California Nevada Section

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name: Laguna Beach County Water District

Water Supplier Public Water System ID: CA3010017

Water Audit Period: Calendar Year 2018

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

All system meters were replaced prior to 2018 to increase consumption data accuracy.

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): David Youngblood

Executive Position: Manager of Engineering and Operations

Signature:



Date: 8/22/19